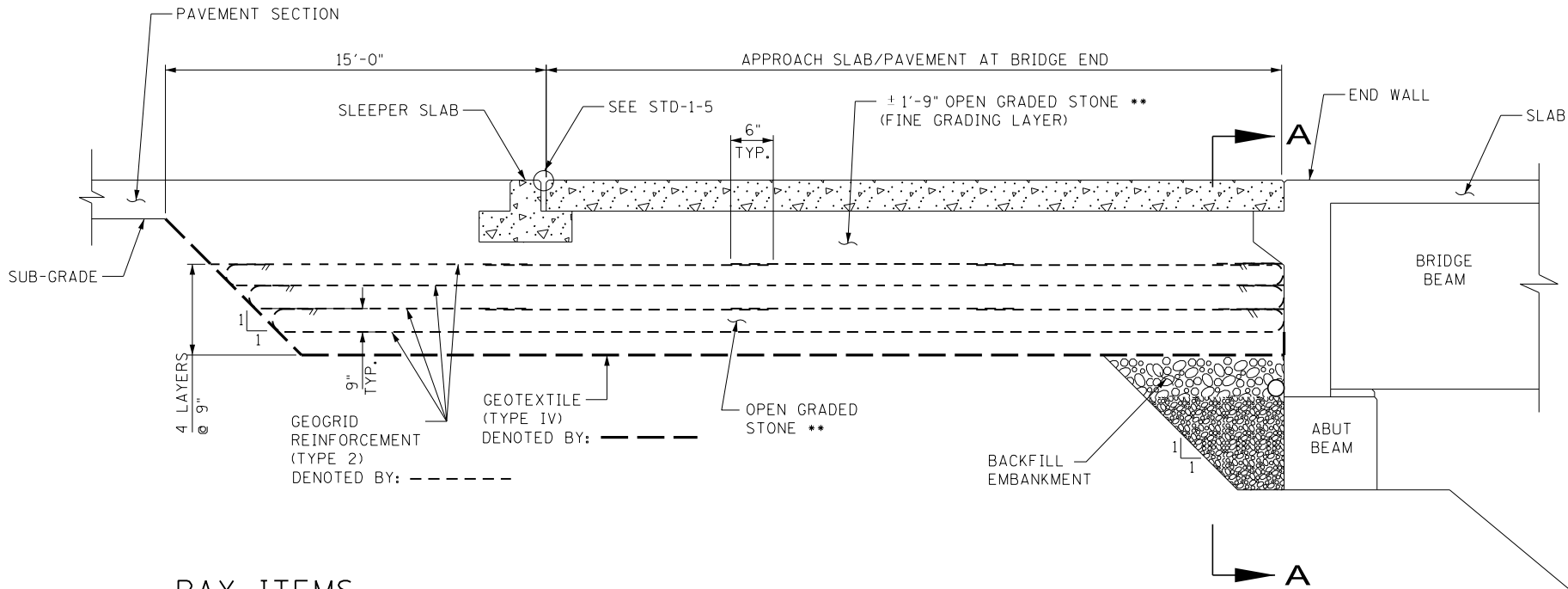
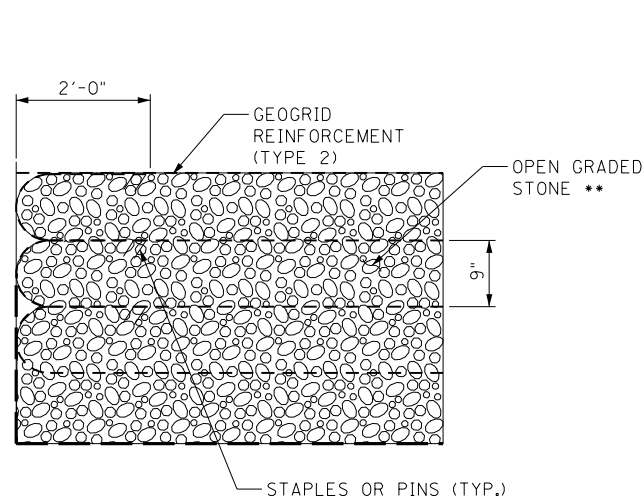


<u>CONST. NO.:</u>			
PROJECT NO.		YEAR	SHEET NO.
- -		2020	
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
	- -		
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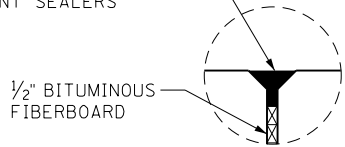
PAY ITEMS

303-10.01	MINERAL AGGREGATE (SIZE 57)	-----	TON
604-03.04	PAVEMENT AT BRIDGE ENDS	-----	S.Y.
740-10.04	GEOTEXTILE (TYPE IV) (STABILIZATION)	-----	S.Y.
740-07.04	GEOGRID REINFORCEMENT TYPE 2	-----	S.Y.

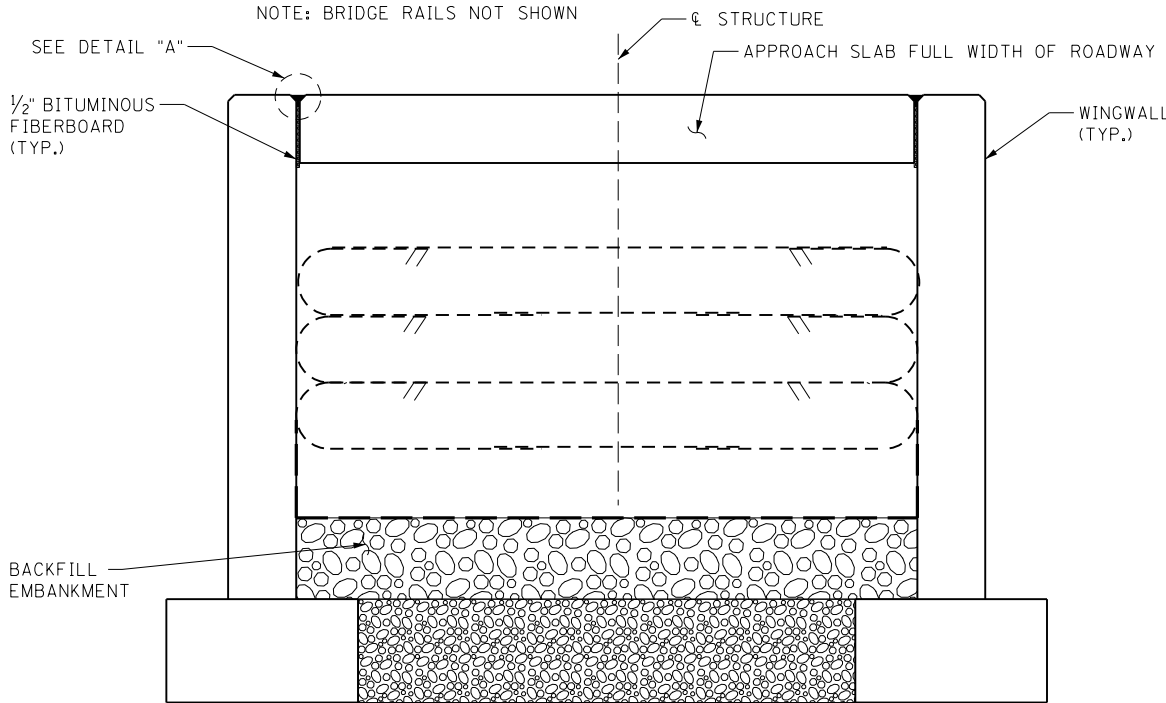


WRAP DETAILS

QPL 5, JOINT SEALERS AND FILLERS MATERIAL
905.05.011 - HOT POUR JOINT SEALERS



DETAIL "A"
AT EACH WINGWALL



SECTION A-A

NOTES

NOTES FOR STRUCTURAL BACKFILL:

GEOTEXTILE REINFORCEMENT BETWEEN THE EMBANKMENT MATERIAL AND OPEN GRADED STONE SHALL BE TYPE IV WOVEN FABRIC AND MEET THE MATERIAL REQUIREMENTS OF TDOT QPL 36.

GEOGRID REINFORCEMENT (TYPE 2) SHALL BE BIAXIAL TYPE AND SHALL MEET OR EXCEED THE SPECIFICATIONS OF TENSAR BX1200 OR APPROVED EQUAL.

GEOGRID REINFORCEMENT (TYPE 2) SHALL BE PLACED BY ALTERNATING MACHINE DIRECTION (MD) WITH CROSS MACHINE DIRECTION (XD) FROM LAYER TO LAYER.

GEOTEXTILE AND GEOGRID REINFORCEMENT WRAP AT FACE OF ABUTMENT AND WINGWALLS SHALL BE PULLED BACK SLACK FREE WITH ITS END ANCHORED TO OPEN GRADED STONE UNDERNEATH WITH STAPLES OR PINS.

MINIMUM SPLICE LENGTHS OF GEOTEXTILE AND GEOGRID REINFORCEMENT SHALL CONSIST OF A MINIMUM OF 6" OVERLAP.

OPEN GRADED STONE SHALL BE PLACED IN LAYERS AS SHOWN ON THIS SHEET. EACH LIFT SHALL BE COMPACTED WITH A MINIMUM OF FOUR (4) PASSES WITH A THREE (3) TON VIBRATORY ROLLER. ALL EDGES SHALL BE COMPACTED WITH A MECHANICAL TAMPER.

** ALLOWABLE GRADATIONS FOR THE OPEN GRADED STONE BACKFILL ARE #4, #5, #57, #67, #68, #7, #78, AND #8.

SPECIAL NOTES FOR PAVEMENT AT BRIDGE ENDS:

CONCRETE FOR PAVEMENT AT BRIDGE ENDS SHALL BE CLASS "X" (3000 PSI @ 18 HOURS) WITH A MINIMUM OF 714 LBS/CY OF CEMENT.

TWO LAYERS OF 6 MIL POLY SHALL BE PLACED BETWEEN THE COMPACTED FILL AND THE BOTTOM OF PAVEMENT AT BRIDGE ENDS WITH THE COST TO BE INCLUDED IN THE COST OF THE PAVEMENT AT BRIDGE ENDS.

PAVEMENT AT BRIDGE ENDS CONTROL ELEVATIONS SHALL BE ADJUSTED TO MATCH THE IN-PLACE DECK SLAB IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS.

THE JOINT SEAL SYSTEM AND SLEEPER SLAB ARE NOT REQUIRED WHEN THE BRIDGE HAS AN EXPANSION JOINT AT THE ADJACENT ABUTMENT. THE REINFORCED BACKFILL SHALL BE ADJUSTED AS REQUIRED FOR THIS CONDITION.

SPECIAL NOTES FOR RIP-RAP DRAINAGE DITCH:

PROPOSED DITCH ON EXISTING ROADWAY SLOPES SHALL BE EXCAVATED TO MATCH THE WIDTH AND DEPTH DIMENSIONS SHOWN ON STANDARD DRAWING STD-10-3.

GEOTEXTILE REINFORCEMENT BETWEEN THE EXCAVATED EMBANKMENT AND RIP-RAP STONE SHALL BE TYPE IV WOVEN FABRIC AND MEET THE MATERIAL REQUIREMENTS OF TDOT QPL 36.

RIE-RAP FOR THE DRAINAGE DITCH SHALL BE CLASS "A-1" AND PLACED TO CONFORM WITH THE DIMENSIONS AND GENERAL SHAPE AS SHOWN IN THE PLANS.

THE RIP-RAP IN THE TOP FIVE (5) FEET ADJACENT TO THE ROADWAY SHALL BE GROUTED. DEPTH TO VARY FROM ONE (1) FOOT TO TWO (2) FEET. COST OF GROUT TO BE INCLUDED IN OTHER ITEMS.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

MISC. ABUTMENT
& PAVEMENT
AT BRIDGE ENDS
BACKFILL DETAILS

2020

STD-10-2

PIN NO.:
DESIGN BY: TDOT STRUCTURES
DRAWN BY: GARY YOUNG
SUPERVISED BY: TED KNIAZEWCZ
CHECKED BY: TED KNIAZEWCZ
DATE: 08/01/2020
DATE: 08/01/2020
DATE: 08/01/2020
DATE: 08/01/2020

8/27/2020 2:02:29 PM
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